

APPENDIX G

ACREAGE TOTALS AND RUNOFF COEFFICIENT CALCULATIONS

Runoff Coefficients:

pavement - 0.70

unimproved land - 0.10

<u>Project</u> <u>(acres)</u>	Building Footprint (acres)	Paved Parking/ Roads (acres)	Total Land Disturbed
PV Science & Tech. Fac.	1	2.0	6
FTLB Additions	0.75	(no additional)	2
AFUF Expansion	0.30	(no additional)	1
Future Building Locations	2	1.0	5
<i>Roadways/Utilities.</i>	<i>N/A</i>	<i>(no additional)</i>	<i>2</i>
TOTALS:	4.05	3.0	16.0

Calculations:

$$0.7 \times 7.05 \text{ ac} = 4.94$$

$$0.10 \times 8.95 \text{ ac} = 0.90$$

$$\text{Total} = 5.84$$

$$\text{Runoff Coefficient: } 5.84/16.0 = 0.365 \text{ (round to 0.37)}$$